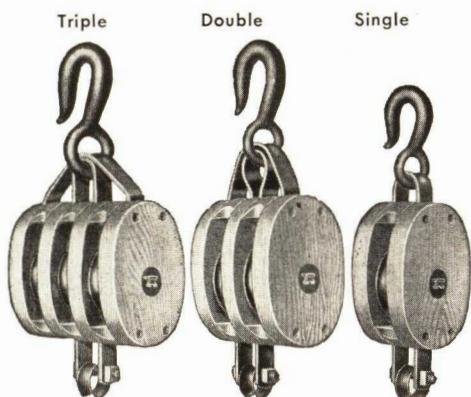


# WESTERN TACKLE BLOCKS

## With loose side hooks

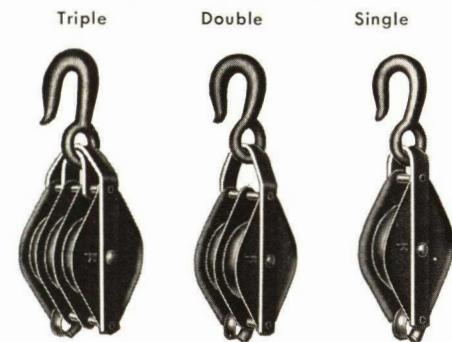


No. 23

No. 22

No. 21

## With loose side hooks



No. 263

No. 262

No. 261

## With extra heavy loose side hooks



No. 303

No. 302

No. 301

## Bronze brushed



No. 1103

## Roller brushed



No. 1102

## Iron brushed



No. 1101

## Regular iron strapped wood blocks

### For Manila rope

Dimensions, inches	Iron bushed			Roller or bronze bushed			Triple 23-R 23-B
	Shell lghth.	For dia. manila	Single 21-C	Double 22-C	Triple 23-C	Single 21-R 21-B	
3	3/8	\$ 2.61	\$ 4.19	\$ 5.78	\$ 4.13	\$ 6.90	\$ 9.71
4	1/2	2.97	4.56	6.11	4.26	7.31	10.35
5	5/8	3.68	5.58	7.50	4.92	8.24	11.55
6	3/4	4.35	7.00	9.60	5.84	10.23	14.63
8	1	7.32	11.18	15.00	9.30	15.95	22.59
10	1 1/8	12.39	19.31	26.21	14.63	23.91	33.21
12	1 1/4	21.12	33.30	45.48	23.45	38.12	52.77

## Standard steel blocks

### For Manila rope

Dimensions, inches	Iron bushed			Roller or bronze bushed			Triple 263-R 263-B
	Shell lghth.	For dia. manila	Single 261-C	Double 262-C	Triple 263-C	Single 261-R 261-B	
3	3/8	\$ 2.09	\$ 3.30	\$ 4.56	\$ 3.72	\$ 6.24	\$ 8.76
4	1/2	2.28	3.65	5.09	3.84	6.65	9.44
5	5/8	2.61	4.19	5.78	4.13	7.19	10.23
6	3/4	2.97	5.25	7.53	4.79	8.90	13.02
8	1	5.58	9.42	13.29	7.97	14.63	21.26
10	1 1/8	10.82	16.77	22.74	13.29	21.92	30.56
12	1 1/4	19.20	29.70	40.29	21.93	35.07	48.23

## Perfect metal blocks

### For Manila rope

Dimensions, inches	Iron bushed			Roller or bronze bushed			Triple 303-R 303-B
	Shell lghth.	For dia. manila	Single 301-C	Double 302-C	Triple 303-C	Single 301-R 301-B	
3	3/8	\$ 3.83	\$ 5.70	\$ 7.62	\$ 5.01	\$ 8.27	\$ 11.52
4	1/2	4.29	6.38	8.45	5.40	8.76	12.15
5	5/8	5.58	8.43	11.27	6.41	10.40	14.40
6	3/4	6.50	10.02	13.50	7.50	12.53	17.54
8	1	10.50	17.16	23.82	11.27	19.41	27.56
10	1 1/8	19.05	28.59	38.15	20.78	33.26	45.71
12	1 1/4	28.59	46.07	63.56	30.48	51.26	72.03

## Extra sheaves and center pins

Dimensions, inches	Size sheave, inches			Japanned iron sheaves, each		Center pins, each			
	For block, inches	For dia. manila rope	Out- side dia- meter	Thick- ness at rim	For center pin, dia.	1102, roller or 1103 bronze bushed	For single	For double	For triple
3	3/8	1 1/4 x 1/2 x 3/8			\$.51	\$ 1.52	\$.25	\$.36	\$.50
4	1/2	2 1/4 x 5/8 x 3/8			.71	1.82	.36	.50	.65
5	5/8	3 x 3/4 x 3/8			.84	2.13	.50	.65	.77
6	3/4	3 1/2 x 1 x 1/2			1.31	3.03	.65	.77	.86
8	1	4 3/4 x 1 1/8 x 5/8			2.16	4.10	.86	1.00	1.11
10	1 1/8	6 1/4 x 1 1/4 x 5/8			3.47	5.01	1.11	1.25	1.35
12	1 1/4	8 x 1 3/8 x 3/4			5.81	6.69	1.25	1.35	1.49

# WESTERN SNATCH BLOCKS

Snatch blocks for manila rope

## Wood shell

Drop link      Self-locking



No. 385

No. 386

## Steel shell

Drop link      Self-locking



No. 390

No. 391

Drop forged hooks

Drop forged heads

Drop forged links

Drop forged rockers

Dimension, inches

Size sheave, inches

Iron bushed

Roller or bronze bushed

Length of shell	For dia. manila rope	Outside diameter	Thickness of rim	For center pin diameter	Blocks complete each	No. 1141 sheaves only	Blocks complete each	No. 1142 or 1143 sheaves only	Extra center pins each	Approximate weights blocks, pounds
6	3/4 - 7/8	3	x 1 1/8	x 1/2	\$11.36	\$ 1.73	\$12.75	\$ 3.33	\$1.00	7
8	1	4 1/2	x 1 1/8	x 5/8	15.71	2.81	18.00	4.41	1.25	13
10	1 1/4	5 3/4	x 1 1/8	x 3/4	26.21	6.45	28.50	8.06	1.73	25
12	1 1/2	6 3/4	x 2 1/8	x 3/4	36.66	8.61	40.47	9.87	1.98	34
14	1 3/4	8	x 2 1/4	x 7/8	54.14	11.85	56.96	14.85	2.25	46
16	2	9	x 2 5/8	x 1	75.09	15.06	77.94	20.10	2.73	68

## Improved metal snatch blocks

Malleable iron shells

With extra heavy drop forged swivel hooks

Self-locking



No. 401

Dimensions, inches

Size sheave, inches

Iron bushed

Roller or bronze bushed

Length of shell	For dia. manila rope	Outside diameter	Thickness at rim	For center pin dia.	No. 401-C snatch block	No. 1141 sheaves only	No. 401-R or 401-B snatch blocks	No. 1142 or 1143 sheaves only
6	3/4 - 7/8	3	x 1 1/8	x 1/2	\$14.93	\$ 1.73	\$15.86	\$ 3.33
7	7/8	3 1/2	x 1 1/4	x 1/2	17.90	2.81	19.20	4.41
8	1	4 1/2	x 1 1/8	x 5/8	19.41	2.81	21.15	4.41
10	1 1/4	5 3/4	x 1 1/8	x 3/4	31.32	6.45	33.08	8.06
12	1 1/2	6 3/4	x 2 1/8	x 3/4	41.78	8.61	44.96	9.87
14	1 3/4	8	x 2 1/4	x 7/8	56.70	11.85	59.51	14.85
16	2	9	x 2 5/8	x 1	83.55	15.06	85.95	20.10

## Gin blocks for manila rope

With drop forged stiff swivel hooks



No. 350

Size sheave, inches

Thickness at rim  
Outside diameter  
For center pin dia.

For dia.  
manila  
rope

No. 350-C  
iron  
bushed,  
each

No. 350-R  
roller  
bushed,  
each

Approximate  
weights,  
pounds

Iron  
bushed  
sheave,  
each

Roller or bronze  
bushed  
sheave,  
each

92-2-61

# WESTERN TACKLE BLOCKS

Single



No. 641

Double



No. 682

Iron bushed



No. 1161

Bronze bushed self-lubricating



No. 1173

Double



No. 732

Triple



No. 743

## Regular diamond wire rope blocks

With stiff swivel hooks, loose side hooks or shackles

Dimensions	Common iron bushed with iron sheaves, each			Bronze bushed self-lubricating with iron sheaves, each			Bronze bushed self-lubricating with steel sheaves, each			
	For dia.	Nos. 641-C	Nos. 642-C	Nos. 643-C	Nos. 641-B	Nos. 642-B	Nos. 643-B	Nos. 641-S	Nos. 642-S	Nos. 643-S
Size, rope, in. ins.	single	double	triple	single	double	triple	single	double	triple	
6	5/8	\$13.40	\$22.77	\$32.18	\$16.10	\$28.16	\$40.20	\$21.45	\$38.18	\$55.62
8	1/2	18.75	28.16	37.50	21.45	33.51	45.56	30.83	51.60	72.38
10	5/8	25.46	38.84	52.26	28.16	44.22	60.30	38.84	65.00	91.80
12	5/8	37.50	57.60	77.70	40.20	63.00	85.77	58.95	99.84	141.36
14	3/4	50.93	76.38	101.85	53.61	81.75	109.89	73.05	120.60	168.83

## Extra sheaves and center pins for above blocks

Dimensions	Size sheave, inches			Iron sheaves each		Steel sheave	Center pins			
	For dia. wire, ins.	Out-side dia-meter	Thick-ness at rim	For center pin, dia.	No. 1161 iron bushed	No. 1173 bronze bushed	No. 1208 bronze bushed	For single each	For double each	For triple each
6	5/8	6 x 1	x 5/4	5/4	\$ 3.15	\$ 5.78	\$ 11.03	\$ 1.49	\$ 1.74	\$ 1.98
8	1/2	8 x 1 1/4	x 7/8	7/8	6.60	9.20	18.53	1.98	2.24	2.46
10	5/8	10 x 1 1/4	x 7/8	7/8	9.75	11.94	23.73	1.98	2.24	2.46
12	5/8	12 x 1 1/2	x 1	1	14.40	16.05	37.23	2.46	3.08	3.69
14	3/4	14 x 1 1/2	x 1 1/8	1 1/8	21.45	22.17	44.25	3.69	4.31	4.91

## Extra heavy wire rope blocks

Bronze bushed, self-lubricating, with stiff swivel hooks or shackles

Dimensions	With iron sheaves, each			With steel sheaves, each			Working loads, Tons*			
	For dia. wire, ins.	Nos. 731-B	Nos. 732-B	Nos. 733-B	Nos. 731-S	Nos. 732-S	Nos. 733-S	Two singles	Two doubles	Two triples
Size, rope, in. ins.	single	double	triple	single	double	triple				
6	5/8 - 1/2	\$ 21.44	\$ 33.50	\$ 45.48	\$ 26.13	\$ 42.90	\$ 60.30	2	2 1/4	3
8	1/2 - 5/8	32.18	49.60	66.99	40.20	65.66	91.11	2 1/2	3 1/2	4 1/2
10	5/8	40.20	61.64	83.09	49.59	80.40	111.23	3 1/2	4 1/2	5
12	5/8	56.28	88.44	120.60	71.70	119.25	166.16	4 1/2	5	6
14	5/8 - 7/8	72.38	120.60	168.83	89.78	154.77	220.44	5	6	8
16	7/8 - 1	125.96	196.98	268.01	159.45	263.97	369.15	6 1/2	8	10
18	1	174.21	288.11	400.35	204.36	347.75	491.70	7 1/2	9	11

\* Working loads are given to assist in ordering without responsibility on our part.

Cast steel bronzed bushed self-lubricating



No. 1208

Cast iron bronze bushed self-lubricating



No. 1193

## Extra sheaves and center pins and approximate weights of blocks

Size, sheave, inches	Iron sheave	Steel sheave	Center pin, each			Weights of blocks				
	Outside dia. thickness at pin, rim, dia.	For center pin, dia.	No. 1193 bronze bushed	No. 1208 bronze bushed	For single	For double	For triple	Single pounds	Double pounds	Triple pounds
6 x 1 x 5/4	\$ 5.77	\$ 11.03	\$ 1.74	\$ 1.98	\$ 2.25	16	23	38		
8 x 1 1/4 x 7/8	10.58	18.53	2.25	2.46	2.70	29	48	68		
10 x 1 1/4 x 1	13.65	24.22	2.70	3.20	3.69	43	75	101		
12 x 1 1/2 x 1 1/8	20.40	37.55	3.69	4.29	4.91	70	128	165		
14 x 1 1/2 x 1 1/4	26.79	44.55	4.91	6.75	8.61	92	173	224		
16 x 1 3/4 x 1 1/2	39.30	84.15	8.61	10.50	12.30	138	244	320		
18 x 1 3/4 x 1 1/2	50.03	89.85	8.61	10.50	12.30	180	320	445		

# WESTERN SNATCH BLOCKS

Drop link



## Wire rope snatch blocks

With drop forged swivel hooks

Semi-circular guard pressed in shell over sheave prevents wire from slipping between shell and sheave. This feature also strengthens the plates in shell.

### Dimensions

Size, rope, inches	For dia. wire	Drop link, each			Self-locking, each*		
		Iron bushed	Bronze bushed self-lubricating	Iron bushed	Bronze bushed self-lubricating	Iron bushed	Bronze bushed self-lubricating
6	3/8 - 1/2	\$ 13.53	\$ 15.98	\$ 20.25	14	\$ 17.19	\$ 19.55
8	1/2 - 5/8	19.65	22.11	29.49	27	24.57	27.00
10	5/8	29.49	31.95	40.56	42	34.38	36.84
12	5/8 - 3/4	44.22	46.68	60.81	68	49.14	51.60
14	3/4 - 7/8	58.95	61.43	77.40	92	63.87	66.33
16	7/8 - 1	106.89	110.55	141.24	140	111.75	115.47
18	1	149.84	153.55	181.19	180	156.05	159.69
20	1 1/4	-----	-----	-----	-----	223.95	234.50
20	1 1/2	-----	-----	-----	-----	259.13	269.67

With swivel hook



## Perfect wire rope snatch blocks

Malleable iron shells

Bronze bushed, self-lubricating

Size sheave, inches	With swivel hook bronze bushed, self-lubricating			With swivel shackle bronze bushed self-lubricating			Approximate weights, pounds
	No. 954-B iron sheave	No. 954-S steel sheave	No. 956-B iron sheave	No. 956-S steel sheave			
6 x 1 x 3/4	3/8 - 1/2	\$ 25.05	\$ 29.40	\$ 27.39	\$ 31.77	17	
8 x 1 1/4 x 7/8	1/2 - 5/8	35.10	42.60	38.40	45.90	27	
10 x 1 1/4 x 1	5/8	50.00	59.18	55.95	65.10	43	
12 x 1 1/2 x 1 1/8	5/8 - 3/4	72.27	87.45	79.85	94.98	70	
14 x 1 1/2 x 1 1/4	3/4 - 7/8	98.62	115.76	108.45	125.55	90	
16 x 1 3/4 x 1 1/2	7/8 - 1	157.80	190.67	175.20	199.80	130	

No. 954

Self-locking\*



With swivel shackle



No. 956

## Extra sheaves and center pins and working loads of above blocks

Size sheave, inches	Iron sheaves, each			Steel sheave			Working loads, tons*		
	Thickness at center pin, dia.	For dia. wire rope	No. 1181 iron bushed	No. 1193 bronze bushed	No. 1208 bronze bushed	Center pins each	No. 940 drop-link	No. 941 self-locking	No. 954 and No. 956
6 x 1 x 3/4	3/8 - 1/2	\$ 3.15	\$ 5.77	\$ 11.03	\$ 1.74	1 1/2	2	2	2
8 x 1 1/4 x 7/8	1/2 - 5/8	7.80	10.58	18.53	2.25	2 1/2	3	3	3
10 x 1 1/4 x 1	5/8	11.15	13.65	24.22	2.70	3 1/2	4	4	4
12 x 1 1/2 x 1 1/8	5/8 - 3/4	18.60	20.40	37.55	3.70	4 1/2	5	5	5
14 x 1 1/2 x 1 1/4	3/4 - 7/8	25.34	26.79	44.55	4.90	5 1/2	6	6	6
16 x 1 3/4 x 1 1/2	7/8 - 1	37.05	39.30	84.15	8.60	7	7 1/2	7 1/2	7 1/2
18 x 1 3/4 x 1 1/2	1	48.82	50.03	89.85	8.60	8	10		
20 x 2 1/8 x 1 3/4	1 1/4	64.32	74.25	160.80	12.30		12		
20 x 2 1/8 x 1 3/4	1 1/2	64.32	74.25	160.80	12.30		14		

## Extra heavy team snatch blocks

For wire rope

With drop forged swivel hooks and extra large center pin

Center extension piece coming close to the sheave prevents the wire rope from leaving the groove of sheave. It also prevents the shell from binding or pinching the sheave.



\* Working loads are given to assist in ordering without responsibility on our part.

Size sheave, inches	Iron bushed			Bronze bushed self-lubricating			Iron sheaves, each			Steel sheave		
	Outside diameter	Thickness at center pin, dia.	For dia. wire rope	No. 924-C iron sheave	No. 924-B iron sheave	No. 924-S steel sheave	Approximate weights, pounds	Working loads, tons*	No. 1181 iron bushed	No. 1193 bronze bushed	No. 1208 bronze bushed	
6 x 1 1/4 x 1	1 1/4	1	1/2	\$ 23.45	\$ 25.80	\$ 29.90	19	2	\$ 6.30	\$ 9.54	\$ 15.33	
8 x 1 1/4 x 1 1/8	1 1/4	1 1/8	5/8	32.82	35.18	42.21	35	3	8.93	11.93	19.16	
10 x 1 1/2 x 1 1/4	1 1/2	1 1/4	5/8	43.40	46.91	55.10	55	4	14.88	17.72	31.92	
12 x 1 1/2 x 1 1/2	1 1/2	1 1/2	7/8	66.84	70.35	83.85	82	5	18.60	23.88	46.00	

92-4-61

# WESTERN FORMERLY BUDA JACKS

For all trades . . . all uses

WESTERN is more than just maintaining the high quality reputation established by Buda Division, Allis-Chalmers Mfg. Co. It is improving and expanding on the widely diversified line of industrial jacks of 120 models and nine types purchased recently from BUDA.

## Western ratchet lowering jacks



Safe and easy operation plus high lift of the load on either the cap or toe of the rack bar earn these jacks a reputation for wide general use. Single acting, they raise only on down stroke and lower one notch at a time by ratchet.

Model	Capacity tons	Closed ht.	Lift	Min. toe ht.	Capacity size	Base size	Wt., lbs.
2210-B	10	22"	14 1/2"	1 5/8"	2 1/2" x 2 1/2"	6" x 9"	41
2215-B	15	22"	13 1/2"	2 1/8"	3 1/4" x 3 1/4"	7 1/2" x 11 3/4"	84
2215-BC	15	22"	13 1/2"	2 1/8"	3 3/8" x 3 3/4"	7 1/2" x 11 3/4"	85
2815-B	15	28"	19 1/4"	2 1/8"	3 1/4" x 3 1/4"	7 1/2" x 11 3/4"	98

## Western roller bearing journal jacks

Highest in lifting height, low in closed height, rugged in design, easy to operate under load. SPECIAL FEATURES: Timken bearing equipped, wider cap, wider base and larger ram, faster lift ratio, special safety mechanisms.



Model	Capacity tons	Closed height	Lift	Base dia.	Head dia.	Wt., lbs.
2510	25	10"	5 1/2"	5"	3 1/4"	36
*2510-A	25	10"	5 1/2"	5"	3 1/4"	28
3510	35	10"	5 1/2"	5 3/4"	3 3/8"	45
*3510-A	35	10"	5 1/2"	5 3/4"	3 3/8"	35
5010	50	10"	4"	6 7/8"	4 5/8"	68
5012	50	12"	6"	6 7/8"	4 5/8"	80
5016	50	16"	8"	6 7/8"	4 5/8"	95

\* Aluminum-alloy frame.

## Western Two-Speed hydraulic



Simple tandem pump adjustment to vary lift speeds between fast and normal makes this rugged, safe hydraulic jack a WESTERN leader. High closed heights coupled with wide range of lifts and capacities up to 100 tons are popular features.

Model	Capacity tons	Closed height	Lift	Base size	Head dia.	Wt., lbs.
25-B-8-1	25	8"	4"	6" x 7 3/4"	2 1/4"	49
25-S-10	25	10"	6"	6" x 7 3/4"	2 1/4"	55
**25-S-22	25	22"	16"	10" x 12"	3 3/4"	112
25-S-28	25	28"	22"	10" x 12"	3 3/4"	132
30-B-11	30	11"	7"	8 1/2" x 6"	3"	71
35-B-10	35	10"	6 1/2"	6 1/2" x 8 1/2"	2 3/4"	65
50-B-12-A	50	12"	7"	10" x 7 1/2" x 2 1/4"	3 1/4"	124
50-B-26	50	26"	20"	7 1/2" x 11"	3 1/4"	228
100-B-12	100	12"	6 1/8"	12" x 9 1/2"	5"	224

\*\* Coupler plate attachment available. Standard equipment includes round steel operating lever bar.

Besides introducing new and redesigned jacks, WESTERN has set up the largest service-repair organization in the industry with more than 90 stations throughout the United States and Canada. Parts and service are readily available for every WESTERN or BUDA jack owner.

## Western ratchet lowering hinged base

Hinged bases facilitate tilting application when needed. Used also as standard jack when housing is locked upright by spring safety catch. Special head permits use of cap shoe, 5-foot chain with grab hook or 8-foot chain with pear link.



Model	Capacity tons	Closed height	Lift	Min. toe height	Base size	Wt., lbs.
2215-SB	15	22"	13 1/4"	2 1/8"	7" x 11"	89
3815-SB	15	38"	24 1/2"	.....	8 1/2" x 8 1/2"	115



## Western standard speed jacks

Ball or roller bearing screw type jacks engineered for high lifts and heavy-duty capacities with minimum effort. Special hooks or lifting toes are available—also five models of special purpose traversing bases.

Model	Capacity tons	Closed height	Lift	Base dia.	Head dia.	Tee hook min. ht.	Wt., lbs.
122-S	15	22"	15"	9"	3 1/4"	5 1/8"	75
220	25	20"	13"	10"	4 1/4"	4 1/8"	85
224	25	24"	17"	10"	4 1/4"	4 1/8"	98
324	35	24"	16"	12"	5 1/8"	6 3/8"	136
524	50	24"	14"	14"	6 1/8"	7 1/8"	246
724	75	24"	14"	14"	6 1/8"	.....	275

## Western Hi-Speed hydraulic jacks

Positive load control under all conditions is the operational emphasis in these reliable leakproof jacks. Fast operation, screw extension, perfect balance, simple maintenance and rugged construction features round out their unequalled performance.



Model	Capacity tons	Closed height	Lift	Screw ext.	Base size	Head dia.	Wt., lbs.
3-9A	3	9"	6 1/2"	2"	3 3/4" x 6 1/2"	1 1/2"	16
5-9A	5	9"	6 1/2"	3"	4 1/4" x 6 3/4"	1 1/4"	19
8-9A	8	9"	6 3/8"	4 1/2"	4 5/8" x 7 5/8"	1 1/16"	22
12-9A	12	9"	6 1/8"	3"	5 1/2" x 8 3/8"	1 5/8"	31
20-B-10	20	10"	6 1/2"	.....	8 1/2" x 6 1/2"	2 1/2"	45



## Western ratchet trip jacks

These single acting jacks raise the load one notch at a time on the down stroke and trip the load instantly, by positive action, where ratchet lowering is not necessary or desirable. Model 225-A, Klinch Klaw, operates in any position for pulling bolts, spikes, rods with bolt puller and tapered wedge.



Model 514

Model	Capacity (rated) tons	Closed height inches	Lift inches	Toe min. hgt. inches	Base size inches	Jack weight pounds
514-B	15	11"	5"	2 1/8"	6 1/2" x 10 1/4"	43
514-H	15	11"	5"	2 1/8"	6 1/2" x 10 1/4"	43
514-AB	15	11"	5"	2 1/8"	6 1/2" x 10 1/4"	32
514-AH	15	11"	5"	2 1/8"	6 1/2" x 10 1/4"	32
715-B	15	21 3/8"	13"	2 1/8"	6 1/2" x 10"	61
715-H	15	21 3/8"	13"	2 1/8"	6 1/2" x 10"	61
135-AB	15	21 3/8"	13"	2 1/8"	6 1/2" x 10"	41
135-AH	15	21 3/8"	13"	2 1/8"	6 1/2" x 10"	41

Note: B denotes bale type handle.

H denotes horn type handle.

## Western All-Purpose screw jacks

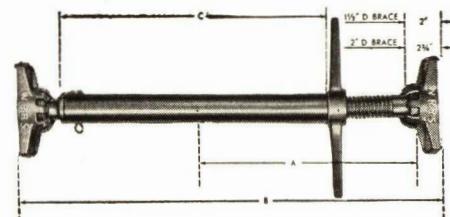


These "work horses" have extra heavy-duty bell bottom bases and come in a wide range of sizes and capacities. Having a one-piece solid steel machine screw with forged steel head, their general construction is rugged to withstand rough usage.

Screw dia. and base ht.	Capacity tons	Closed height	Safe screw lift	Base dia.	Head dia.	Wt., lbs.
1 1/4" x 4"	10	6 1/2"	2 1/4"	4 3/8"	3 1/8"	8
1 1/4" x 6"	10	8 1/2"	4 1/4"	5 5/8"	3 1/8"	10
1 1/4" x 8"	10	10 1/2"	6 1/4"	6"	3 1/8"	11
1 1/4" x 10"	10	12 1/2"	8 1/4"	6 1/4"	3 1/8"	13
1 1/2" x 6"	12	8 3/4"	3 3/4"	5 7/8"	3 1/2"	11
1 1/2" x 8"	12	10 3/4"	5 3/4"	6 1/4"	3 1/2"	14
1 1/2" x 10"	12	12 3/4"	7 3/4"	6 3/8"	3 1/2"	17
1 1/2" x 12"	12	14 3/4"	9 3/4"	7"	3 1/2"	19
1 3/4" x 8"	16	11"	5 1/2"	6 3/8"	3 3/4"	18
1 3/4" x 10"	16	13"	7 1/2"	6 3/4"	3 3/4"	20
1 3/4" x 12"	16	15"	9 1/2"	7 1/8"	3 3/4"	25
2" x 6"	20	9 1/2"	3"	6 1/4"	4"	18
2" x 8"	20	11 1/2"	5"	6 7/8"	4"	22
2" x 10"	20	13 1/2"	7"	7 1/8"	4"	26
2" x 12"	20	15 1/2"	9"	7 3/8"	4"	30
2" x 14"	20	17 1/2"	11"	7 7/8"	4"	35
2 1/2" x 6"	24	10"	2 1/4"	6 7/8"	4 1/2"	27
2 1/2" x 8"	24	12"	4 1/4"	7 1/8"	4 1/2"	31
2 1/2" x 10"	24	14"	3 1/4"	7 3/8"	4 1/2"	35
2 1/2" x 12"	24	16"	8 1/4"	7 3/4"	4 1/2"	40
2 1/2" x 14"	24	18"	10 1/4"	8 1/4"	4 1/2"	43
2 1/2" x 16"	24	20"	12 1/4"	8 7/8"	4 1/2"	50
2 1/2" x 18"	24	22"	14 1/4"	9 3/8"	4 1/2"	56
3" x 8"	30	13"	3 1/2"	8"	5 5/8"	46
3" x 14"	30	19"	9 1/2"	8 7/8"	5 5/8"	62
3" x 18"	30	23"	13 1/2"	9 1/2"	5 5/8"	78
3" x 24"	30	29"	19 1/2"	11 1/8"	5 5/8"	103

## Western trench braces

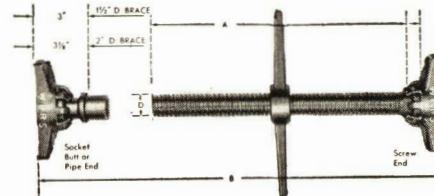
This is a complete line of trench braces, trench brace fittings and timber brace fittings. Non-slip projections on ends of thrust plates are added safety feature.



Pipe-screw dia.	Screw length "A"	Brace closed "B"	Brace opened	Pipe length "C"	Safe screw ext.	Wt. each lbs.
1 1/2"	12"	18"	25"	10 1/2"	7"	16
1 1/2"	14"	21"	30"	13 1/2"	9"	18
1 1/2"	14"	24"	33"	16 1/2"	9"	19
1 1/2"	16"	27"	37"	19 1/2"	10"	20
1 1/2"	16"	30"	40"	22 1/2"	10"	20
1 1/2"	18"	36"	47"	28 1/2"	11"	22
1 1/2"	18"	42"	53"	34 1/2"	11"	24
2"	18"	48"	58"	40 1/2"	10"	25
2"	18"	36"	46"	26"	10"	43
2"	18"	42"	52"	32"	10"	45
2"	18"	48"	58"	38"	10"	49
2"	18"	54"	64"	44"	10"	50
2"	18"	60"	70"	50"	10"	50

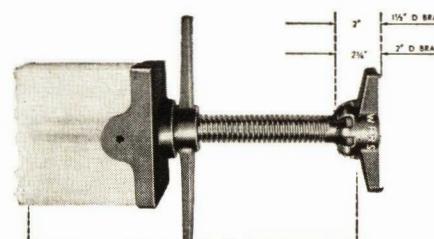
## Western trench brace fittings

without pipe



Screw dia. "D"	Screw length "A"	Safe screw ext.	each lbs.
1 1/2"	12"	7"	15
1 1/2"	14"	9"	15
1 1/2"	16"	10"	16
1 1/2"	18"	11"	16
2"	18"	10"	35

## Western timber brace fittings



Screw dia.	Screw length "A"	Timber capacity size	Wt. each lbs.
1 1/2"	14"	4" x 4"	14
1 1/2"	14"	6" x 6"	15
1 1/2"	18"	6" x 6"	17
2"	18"	6" x 6"	31
2"	18"	8" x 8"	32